

Wright State University

CORE Scholar

---

WSU Research News

Office of the Vice Provost for Research

---

4-1-1974

## WSU Research News, April 1974

Office of Research Development, Wright State University

Follow this and additional works at: [https://corescholar.libraries.wright.edu/ws\\_u\\_research\\_news](https://corescholar.libraries.wright.edu/ws_u_research_news)



Part of the [Mass Communication Commons](#)

---

### Repository Citation

Office of Research Development, Wright State University (1974). *WSU Research News, April 1974*. .

This Newsletter is brought to you for free and open access by the Office of the Vice Provost for Research at CORE Scholar. It has been accepted for inclusion in WSU Research News by an authorized administrator of CORE Scholar. For more information, please contact [library-corescholar@wright.edu](mailto:library-corescholar@wright.edu).



# WRIGHT STATE UNIVERSITY

## Research

CLASSICS DEPARTMENT  
433W MILLETT HALL (2)

### Office of Research Development

April, 1974  
Vol. VI, No. 10

#### GRANT AWARDED

The National Institute of Arthritis, Metabolism, and Digestive Diseases of the National Institutes of Health has awarded a grant of \$66,076 to Wright State University in support of the program "System for Assessing Skeletal Health from Radiographs." The program director is Dr. Charles Colbert of the Radiological Research Laboratory, W.S.U.R.I. This demonstration project for assessing bone health and patient response to treatment for bone disease involves the development of the system to give a reliable, efficient, and economical service to the medical community and to investigators engaged in allied health. Project #297.

#### SCHOLARSHIPS, FELLOWSHIPS, ETC.

A recent summarization of available Scholarships, Fellowships, etc. was circulated to Deans, Chairpersons, and other pertinent personnel as a means of possibly stimulating students to take advantage of the possibilities for support of their graduate studies or in some cases undergraduate studies. Whether they plan to continue studies at W.S.U. or elsewhere, they should take advantage of these possibilities.

This office does not have all the possibilities that may be available in these categories of support but will be generating additional information as time allows. For the present, this office will provide information available to any student wishing to follow up on items listed and assist in any way possible to help them generate the necessary information needed for application.

#### EQUIPMENT GRANTS

The Ohio Board of Regents has approved the equipment grants requests of Wright State University and the Western Ohio Branch Campus to the Office of Education, Department of Health, Education, and Welfare. For 1973, these grants should amount to \$11,280 and \$12,163 respectively and for 1974 each should receive \$15,000 toward the purchase of requested equipment.

## COLLEGE OF LIBERAL ARTS

Fine Arts Fellowships - The Kate Neal Kinley Foundation		April 15
Ethnic Heritages Study Program	USOE	April 15
Community Education Grants	NEH	April 15
Research Grants	NEH	May 6
Visual Arts Program - Fellowships for Photographers	NEA	May 30
Social Scientific Grants	NLM	June 1
Mental Health Research Grants	G 31	June 1
Research on Narcotic Addiction and Drug Abuse	G 51	June 1
Research and Development in the Field of Aging	H 1	June 1
Mental Health Programs - Project Grants	G 33	June 1
Metropolitan Mental Health Problems	G 43	June 1
Minority Mental Health Programs	G 44	June 1
Mental Health Epidemiology	G 45	June 1
Alcohol Abuse and Alcoholism	G 55	June 1
Mental Health of Children and Families	G 57	June 1
Mental Health of Aging	G 58	June 1
Studies of Crime and Delinquency	G 59	June 1
Public Programs (Film/TV)	M 65	June 1
Smithsonian Institution Program for Museum Study	O 23	June 1
Humanities Program Grant	NEH	July 1
Institutional Development Grants	NEH	July 1
Social Services Award - Epilepsy Foundation of America		July 1
Educational Programs - Development and Program Grants	NEH M 64	July 1

### NATIONAL ENDOWMENT FOR THE HUMANITIES

Application for one-man research projects should be submitted to the Fellowship Division of NEH under deadlines of June 17 (Notification in November) or October 15 (notification in March 1975). The Fellowship program will provide funds to free the time of individual scholars for full-time study or research for up to one year. It may also include support for some travel.

Research grants will support projects which involve more than a single investigator and/or substantial expenses for research assistants, secretarial or clerical services, equipment, or materials. Application for Research Grants should be made through the applicant's institution. Deadlines for application for 1974 are May 6 and November 18.



NATIONAL ENDOWMENT  
FOR THE HUMANITIES

The various programs of the National Endowment for the Humanities have the following schedule of deadlines:

Division of Education Programs

Program Grants to begin January 1, 1975 should be applied for prior to July 1, 1974.

Development Grants to begin January 1, 1975 should be applied for prior to July 1, 1974.

Division of Public Programs

Film/TV Grants for projects beginning after December 1, 1974 should be applied for prior to June 1, 1974.

Museum and Historical Societies Program - Interpretive Exhibition Grants for projects beginning March 1, 1975 should be applied for prior to April 15, 1974.

Community Education Grants - same as for exhibition grants.

Division of Research Grants

For projects beginning after January 1, 1975, applications should be postmarked no later than May 6, 1974.

Division of Fellowships and Stipends

Senior Fellowships - Postmark date for submission of application is June 17, 1974. Next deadline will be October 15, 1974.

Youthgrants in the Humanities

For projects beginning after December 1, 1974, applications should be postmarked no later than August 1, 1974.

CALENDAR OF DEADLINES

COLLEGE OF EDUCATION

Preparation of Professional Personnel to Educate Handicapped Children	D 1	Spring
Supplemental Educational Centers and Services	C 81	April 11
Woodrow Wilson International Center for Scholars	O 35	May 1
Research Programs NEH	M 66	May 6

Calendar of Deadlines - College of Education (continued)

Cooperative Extension Service	K 37	May 15
Mental Health Programs - Project Grants	G 33	June 1
Metropolitan Mental Health Problems	G 43	June 1
Minority Mental Health Programs	G 44	June 1
Mental Health of the Aging	G 58	June 1
Mental Health Epidemiology	G 45	June 1
Alcohol Abuse and Alcoholism	G 55	June 1
Mental Health of Children and Families	G 57	June 1
Studies of Crime and Delinquency	G 59	June 1
Special Training Programs in Mental Health	G 40	June 1
New Careers Training Programs	G 41	June 1
Career-Teacher Training Centers	G 47	June 1
Training for Health and Health Related Professionals in Narcotic Addiction and Drug Abuse	G 48	June 1
Drug Abuse Education Projects	G 53	June 1
Public Programs - Film/TV	M 65	June 1
Cooperative Vocational Education Programs	C 35	June 30
Consumer and Homemaking Education	C 46	June 30
Research and Development in the Field of Aging	H 1	July 1
Education Programs NEH Development and Program Grants	M 64	July 1
Implementation of Materials and Procedures Affecting College Teaching (IMPACT) Exxon Foundation		July 1

SCIENCE  
EDUCATION

The National Science Foundation will continue to support science education improvement programs in the following categories:

Improvement of Education for Careers in Science  
Improvement of Education for Scientific Literacy  
Increasing Effectiveness of Educational Processes  
Problem Assessment and Experimental Projects

The Graduate Traineeship program will provide about 150 three-year traineeships for study in the areas of coal and oil shale, geothermal and solar energy sources.

The other Graduate Science programs will provide an additional 500 new Graduate Fellowships in various areas of interest to NSF.

EXXON EDUCATION  
FOUNDATION

The Exxon Education Foundation has funds to support projects in Educational Research and Development. Grants support activities

that provide a more economical and productive use of the existing resources through:

Pilot Projects - The design and testing of new methods or materials.

Development Efforts - Attempts to perfect, expand upon, or disseminate materials or methods of recognized merit.

Studies - Examination or analysis of practices, trends, and developments in higher education and other investigations having direct practical value for institutions of higher learning.

Basic Criteria: Broad Applicability, Efficiency and Effectiveness, and Continuance.

Support categories are: Instruction, Administration, and Physical Facilities.

The next deadline is June 1, 1974. There will be deadlines of September 1 and December 1, 1974.

CALENDAR OF DEADLINES

COLLEGE OF SCIENCE AND ENGINEERING

Decision-Related Research and Technology		
Utilization by Local Government	NSF	April 8
Research and Training Grants - Epilepsy		
Foundation of America		April 15
NATO Research Grants Program	E-74-14	April 30
University Lecturing and Advanced Research		
Abroad	L 61	May 1
Postdoctoral Health Research Fellowships	NIH	May 1
Postdoctoral Research Associateships NASA -		
NCR	N 69	May 15
Faculty Fellowships in Science Applied to Soci-		
etal Problems	NSF	May 31
Occupational Safety and Health Research	F 1	June 1
Research Support - Food and Drug Administra-		
tion - Food Research	F 7	June 1
Radiological Health Research Grant	FDA	June 1
Research Support - Bureau of Veterinary		
Medicine	FDA	June 1
Exploratory Research Grants	F 38	June 1
Research Projects Grants	F 39	June 1



Calendar of Deadlines- College of Science and Engineering (continued)

Research Projects Grants	NIH	G 1	June 1
Biotechnology Resources		G 17	June 1
Research on Narcotic Addiction and Drug Abuse		G 51	June 1
Environmental Research, Development and Demonstration		M 33	June 1
Occupational Safety and Health Demonstration		F 2	June 1
Development and Demonstration Projects		F 40	June 1
Projects to Support Animal Resources		G 19	June 1
Radiation Training		M 46	June 1
Biomedical Publication Grants		G 24	June 1
University Lecturing and Advanced Research Abroad		L 61	June 30
Oceanographic Facilities and Support		N 64	July 1
Water Pollution Control Training		M 44	July 1
Water Pollution Control Research Fellowships		M 45	July 1
Institutional Grants and Science Programs		N 51	July 31

EXPLORATORY RESEARCH AND PROBLEM ASSESSMENT      The Guide to Programs of the National Science Foundation FY 1974 provides a summary of the various activities of the foundation.

The exploratory Research and Problem Assessment program supports projects to determine which national problems may be amenable to amelioration through the application of science and engineering capabilities.

The range and type of problem areas planned for this research program include: "Minority Group Problems, " "The Consumer and Marketplace, " "Special Implications of an Aging Population, " Technology-Related Transnational Problems and Other Societal Problems. "

This program offers a wide range of possible research possibilities including those which involve disciplines not ordinarily considered in the science area. The opportunity for interdisciplinary research is reflected in the sub areas listed above.

\* \* \* \* \*

Good business management is a matter of keeping the overhead underfoot.

NSF  
GOALS

The National Science Foundation has proposed the following major features for its programs for the coming year:

The largest and most vigorous programs of basic research in the science disciplines in the Foundation's history.

Major emphasis on basic and applied research focusing on the Nation's Energy Crisis.

Continued concentration on science education activity, with added thrust toward development of energy-related manpower resources.

Increased emphasis on International cooperative scientific efforts with all European countries and those of the Pacific and Far Eastern countries.

Highlighting the fundamental research area:

Earth sciences and oceanography relative to mountain formation, earthquake causes, and the nature and content of the sea floor.

Pollutant transfer through water, the atmosphere, and the earth will cover many science disciplines.

Optical communications, Non-Destructive Testing, and building construction and design will provide opportunities in Engineering and Material Science.

Black Holes, quasars, pulsars, and other phenomena will provide research opportunities in astronomy and physics.

SUMMER SCIENCE  
PROGRAMS H.S.  
SCIENCE

The National Science Foundation will support 79 Student Science Training Projects in 30 states with \$1.3 million for the summer and continuing programs. Approximately 3500 of the nation's top high school science students will have additional opportunities as a result.

Central State University will receive \$13,950 to help 25 students in Experimental Chemistry.

Hiram College will receive \$14,560 to support a program in Mathematics and Computers for 30 students.

Notre Dame College will provide a program in Coordination Chemistry during the next school year for 36 students. The College receives \$17,120 to support the program.

Ohio State University receives \$30,810 to support a program in Mathematics for 55 students.



GRADUATE  
FELLOWSHIPS  
AWARDED

The National Science Foundation awarded 525 Graduate Fellowships to students of outstanding ability in the sciences, mathematics, and engineering. Honorable mention went to 1,859 of the total of 5,700 applicants.

Each fellowship carries a stipend of \$3,600 per year for full-time study. An education allowance of \$3,000 is paid to the institution to cover tuition and fees.

The awards were distributed - 65 in mathematics; 64 in engineering; 103 in physical sciences (physics, chemistry, and earth sciences); 148 in biological sciences; and 145 in the social sciences and psychology.

Twenty-seven Graduate Fellowships were awarded to Ohio students. Twelve of these were graduating from Ohio institutions. Three of the recipients will attend Ohio institutions.

NSF PRE-COLLEGE  
TRAINING PROGRAM

Marietta College has the only grant awarded in Ohio (\$24,430) for an education program under the National Science Foundation - Summer Training - Teacher Centered - Pre-College Instructional Improvement Implementation Program.

ENGINEERING  
RESEARCH GRANTS

The National Science Foundation awarded 115 research grants to engineering faculty at 64 institutions in 30 states and the District of Columbia. There were 524 Engineering Research Initiation proposals. There were 11 made for off-campus projects with industry and the remainder were on-campus research projects. Case Western Reserve University received 3 awards totaling \$55,000; Ohio State University received 2 awards in the amount of \$34,000; the University of Cincinnati received one award in the amount of \$16,900; and the University of Toledo received two in the amount of \$34,000.

CALENDAR OF DEADLINES

COLLEGE OF BUSINESS AND ADMINISTRATION

Council on Research in Economic History Grants	April 15
Doctoral Dissertation Award - National Tax Association - Tax Institute of America	June 1

Calendar of Deadlines - College of Business  
and Administration (continued)

Institutional Grants for Research Management

Administration Improvement	NSF	June 30
MDTA Research Projects	K 58	July 1
Manpower-Related Doctoral Dissertation Grants	K 60	July 1

COLLEGE OF CONTINUING  
AND  
COMMUNITY EDUCATION

Community Education Grants	NEH	April 15
New Careers Training Program	G 41	June 1
Internship in Criminal Justice	L 44	Spring
Consumer and Homemaking Education	C 46	June 30
Community Services and Continuing Education Programs	D 107	June 30
Academic Training in Comprehensive Health Planning	F 45	July 15
Continuing Education in Comprehensive Health Planning	F 49	July 15
Studies and Demonstration in Comprehensive Health Planning	F 51	July 15

SCHOOL OF NURSING - MEDICINE  
HEALTH AFFAIRS

Postdoctoral Health Research Fellowships	NIH	May 1
Resource Improvement and Project Grants - National Library of Medicine		June 1
Radiological Health Research Grants FDA		June 1
Occupational Safety and Health Research	F 1	June 1
Research Support Bureau of Veterinary Medicine	FDA	June 1
Nursing Research Projects	F 14	June 1
Biotechnology Resources	G 17	June 1
Medical Library Science Research Projects	G 23	June 1

\* \* \*

Q's are weird O's.

# CALENDAR OF DEADLINES (continued)

## School of Nursing - Medicine - Health Affairs

Biomedical Publications Grants	G 24	June 1
Special Projects to Improve Nurse Training	F 11	July 1
Guaranteed Loans and Interest Subsidies to Schools of Nursing	F 13	July 1
Special Health Careers Opportunity Grants	F 33	July 1
Medical Library Resources Projects Grants	G 25	July 1
Academic Training in Comprehensive Health Planning	F 45	July 15
Continuing Education in Comprehensive Health Planning	F 49	July 15
Studies and Demonstration in Comprehensive Health Planning	F 51	July 15

## GENERAL

### SPECIAL OPPORTUNITIES

Fine Arts Fellowship - The Kate Neal Kinley Foundation		April 15
Public Programs - Museum and Historical Societies Community Education Grants	NEH M 65	April 15
University Lecturing and Advanced Research Abroad	L 61	May 1
Woodrow Wilson International Center for Scholars	O 35	May 1
Visual Arts Program - Fellowships for Photographers	NEA	May 30
Biomedical Publication Grants	NLM	June 1
Social Scientific Grants	NLM	June 1
Doctoral Dissertation Awards - National Tax Association-Tax Institute of America		June 1
Travel Grants to International Congress and Conferences Abroad - American Council of Learned Societies		June 1
The John Dewey Essay Project - The John Dewey Foundation - The Center for Dewey Studies		June 1
Academic Career - Teacher Awards (Medical) in Narcotic Addiction and Drug and Alcohol Abuse	G 46	June 1
Clinical Investigator Awards in Narcotic Addiction and Drug Abuse	G 49	June 1
Academic Career - Teacher Awards (Non- Medical) in Narcotic Addiction and Drug Abuse	G 50	June 1



CALENDAR OF DEADLINES (continued)  
General - Special Opportunities

Smithsonian Institution Program for Museum Study	O 23	June 1
Fellowship and Stipend Program	M 67	June 17
University Lecturing and Advanced Research Abroad (Final Date)	L 61	June 30
Special Funds for Vocational Education of the Handicapped	C 44	June 30
Exchange of Persons - Senior Fulbright-Hays Appointments (Teachers)	E 53	July 1
Social Services Award - Epilepsy Foundation of America		July 1
Special Health Careers Opportunity Grants	F 33	July 1
Manpower-Related Doctoral Dissertation Grant	K 60	July 1

MISCELLANEOUS

School Construction in Areas Affected by Federal Activities	C 93	April 26
Construction of Cancer Research Facilities	G 29	June 1
Public Programs (Film/TV) NEH	M 65	June 1
State Vocational Educational Programs and Services	C 21	June 30
Construction and Remodeling of Vocational Education Facilities	C 27	June 30
Work Study Programs for Vocational Education Students	C 39	June 30
Grants for Conversion of Two Year Schools of Medicine	F 20	June 30
Guaranteed Loans and Interest Subsidies to Schools of Nursing	F 13	July 1
Oceanographic Facilities and Support	N 64	July 1

DEADLINE  
DATES

The U.S. Office of Education and other Health, Education, and Welfare program offices have announced policy relative to various deadlines.

Most programs have a receipt deadline which is the final date that proposals may be in their offices if they are to be considered for awards. They have now established a mailing deadline. This deadline is five (5) days prior to the receipt deadline and can only be met if submitted by certified or registered mail.

The Office of Research Development cannot guarantee that proposals submitted under this five day prior mailing limitation will be received and accepted by the agencies involved. Every effort should be made by those preparing proposals to meet the ten (10) day predeadline date established by the provost several months ago.

INDIRECT COSTS  
APPLIED

A survey of Indirect Costs applied by colleges  
and universities in Ohio - based on salary  
and wage component of the research activity

costs - is reflected in this tabulated summary:

Bowling Green State University	64.3%
Ohio State University	64.0%
Case Western Reserve	61.0%
University of Cincinnati	60.0%
U. C. Medical School	60.0%
Wright State University*	60.0%
Capital University	58.8%
Cleveland State University	58.1%
Ohio University	54.6%
Central State University	53.1%
Kent State University	52.4%
University of Toledo	52.0%
Miami University	50.08%
Youngstown	48.0%
University of Dayton	45.9%
University of Akron	43.0%
Medical College of Toledo	34.8%

\*Wright State Provisional rate is now 58.0%

RESEARCH  
CORPORATION  
GRANTS

The Research Corporation made the following  
grants in the state of Ohio for 1973-74:

Bowling Green State University	\$ 3,900
Case-Western Reserve University	900
Case-Western Reserve Univ., School of Medicine	93,030
Cleveland State University	5,140
Hiram College	8,976
Mount Union College	6,300
Muskingum College	4,400
Oberlin College	10,700
Ohio Dominican College	4,600
Ohio State University	11,000
College of Wooster	2,050

\* \* \* \* \*

Hiccups - Bucking bronchi

## CALENDAR OF DEADLINES

### RESEARCH

Decision-Related Research and Technology Utilization by Local Governments	NSF	April 8
Research and Training Grants - Epilepsy Foundation of America		April 15
Council on Research in Economic History - Grants		April 15
NATO Research Grants Program	E-74-14	April 30
Postdoctoral Health Research Fellowships	NIH	May 1
University Lecturing and Advanced Research Abroad	L 61	May 1
Research Grants - National Endowment for the Humanities	M 66	May 6
National Aeronautics and Space Administra- tion - Research Associateships	NRC	May 15
Faculty Fellowships in Science Applied to Societal Problems	NSF	May 31
Food Research Grants - Food and Drug Administration	F-7	June 1
Radiological Health Research Grants FDA		June 1
Research Support - Bureau of Veterinary Medicine FDA		June 1
Occupational Safety and Health Research	F 1	June 1
Nursing Research Projects	F 14	June 1
Exploratory Research Grants	F 38	June 1
Research Project Grants	F 39	June 1
Research Projects Grants NIH	G 1	June 1
Biotechnology Resources	G 17	June 1
General Clinical Research Centers NIH	G 18	June 1
Medical Library Science Research Projects	G 23	June 1
Mental Health Research Grants	G 31	June 1
Research on Narcotic Addiction and Drug Abuse	G 51	June 1
Research and Development in the Field of Aging	H 1	June 1
Environmental Research, Development and Demonstration	M 33	June 1
University Lecturing and Advanced Research Abroad	L 61	June 30
Institutional Grants for Research Management Improvement	N 73	June 30
Faculty Research Abroad	E 39	July 1
Research and Development in the Field of Aging	H 1	July 1
MDTA Research Projects	K 58	July 1
Water Pollution Control Research Fellowships	M 45	July 1



## CALENDAR OF DEADLINES (continued)

### TRAINING

Tutor in Residence Program - the Levere Memorial Foundation		April 15
Ethnic Heritages Study Program USOE		April 15
Community Education Grants NEH		April 15
Research and Training Grants - Epilepsy Foundation of America		April 15
Internship in Criminal Justice	L 44	Spring
Preparation of Professional Personnel to Educate Handicapped Children	D 1	Spring
Cooperative Extension Service	K 37	May 15
Special Training Programs in Mental Health	G 40	June 1
New Careers Training Programs	G 41	June 1
Career - Teacher Training Centers	G 47	June 1
Training for Health and Health Related Professionals in Narcotic Addiction and Drug Abuse	G 48	June 1
Drug Abuse Education Projects	G 53	June 1
Radiation Training	M 46	June 1
Cooperative Vocational Education Programs	C 35	June 30
Consumer and Homemaking Education	C 46	June 30
Community Service and Continuing Education Programs	D 107	June 30
Water Pollution Control Training	M 44	July 1
Academic Training in Comprehensive Health Planning	F 45	July 15
Continuing Education in Comprehensive Health Planning	F 49	July 15

### DEVELOPMENT AND DEMONSTRATION

Resource Improvement and Project Grants NLM		June 1
Occupational Safety and Health Demonstration	F 2	June 1
Development and Demonstration Projects	F 40	June 1
Projects to Support Animal Resources	G 19	June 1
Film/TV Grants - NEH Public Programs	M 65	June 1
Mental Health Programs - Project Grants	G 33	June 1
Metropolitan Mental Health Problems	G 43	June 1
Minority Mental Health Programs	G 44	June 1
Mental Health Epidemiology	G 45	June 1
Alcohol Abuse and Alcoholism	G 55	June 1
Mental Health of Children and Families	G 57	June 1

CALENDAR OF DEADLINES (continued)  
Development and Demonstration

Mental Health of the Aging	G 58	June 1
Studies of Crime and Delinquency	G 59	June 1
Environmental Research, Development and Demonstration	M 33	June 1
Humanities Program Grants	M 64	July 1
Institutional Development Grants		July 1
Implementation of Materials and Procedures Affecting College Teachers (IMPACT) EXXON Foundation		July 1
Special Projects to Improve Nurse Training	F 11	July 1
Medical Library Resources (Project Grants)	G 25	July 1
Studies and Demonstrations in Comprehensive Health Planning	F 51	July 15
Institutional Grants for Science Program	N 51	July 31

MENTAL HEALTH RESEARCH GRANTS      The small research grant program of the National Institute of Mental Health provides support up to \$5,000, or in exceptional cases up to \$6,000 for research projects in the behavioral, biological, and medical services related to mental health.

The grants are designed to support researchers who have not received major research awards in the past.

The priorities for 1974 include: problems related to child development; family studies; crime and delinquency; alcoholism; and minority studies.

Applications must be submitted by May 1, 1974.

\* \* \* \* \*

Gargle - hoarse liniment

\* \* \* \* \*

The pill is a device used under any conceivable situation.

\* \* \* \* \*

Expectant mother - Momsoon